

KNOW
THESE
BY
HEART!

THE "BIG FIVE":


$$\frac{d}{dx} \sin(x) = \cos(x)$$

$$\frac{d}{dx} e^x = e^x$$

$$\frac{d}{dx} \cos(x) = -\sin(x)$$

$$\frac{d}{dx} \tan(x) = \sec^2 x$$

One More
to Memorize


$$\frac{d}{dx} \ln(x) = \frac{1}{x} \quad x > 0$$